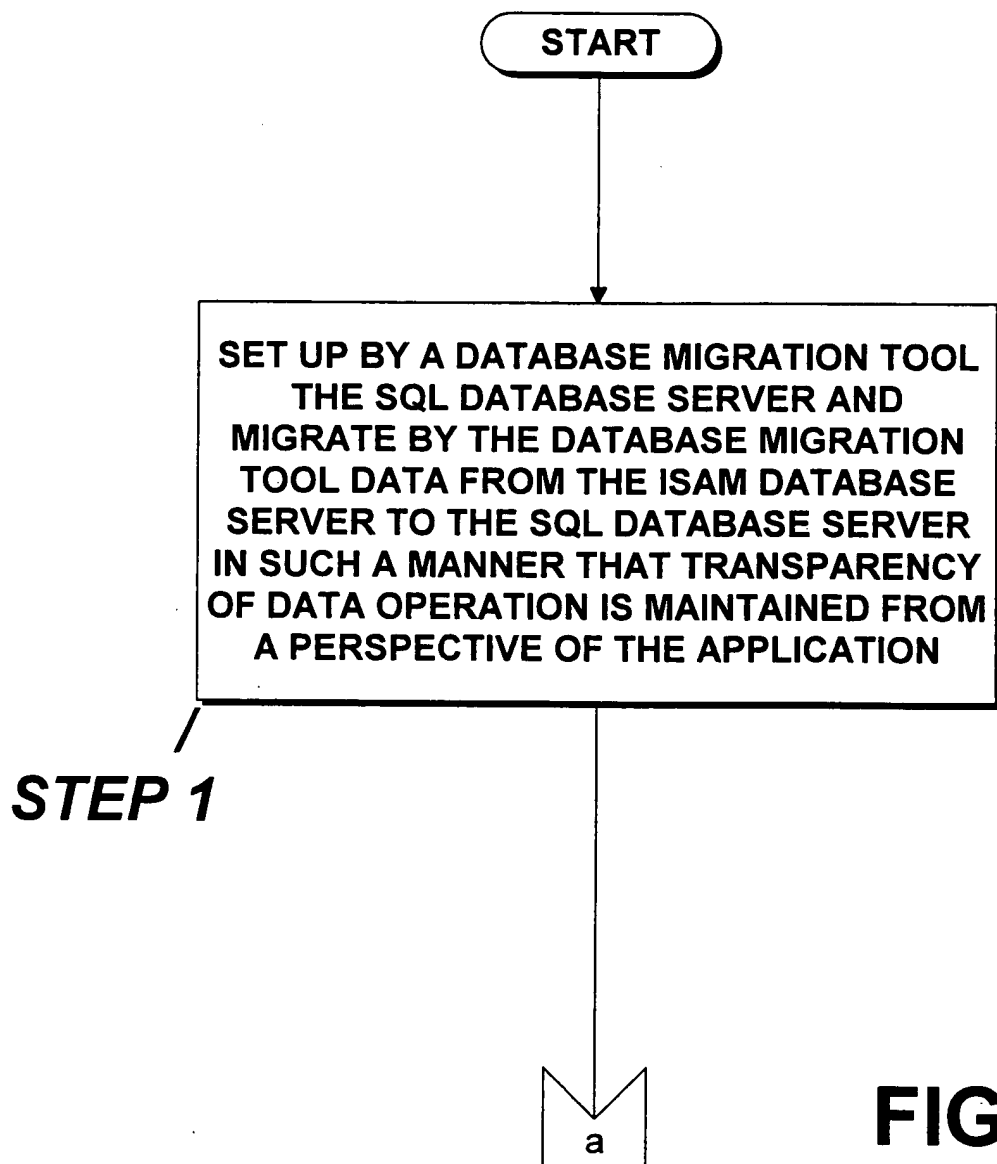
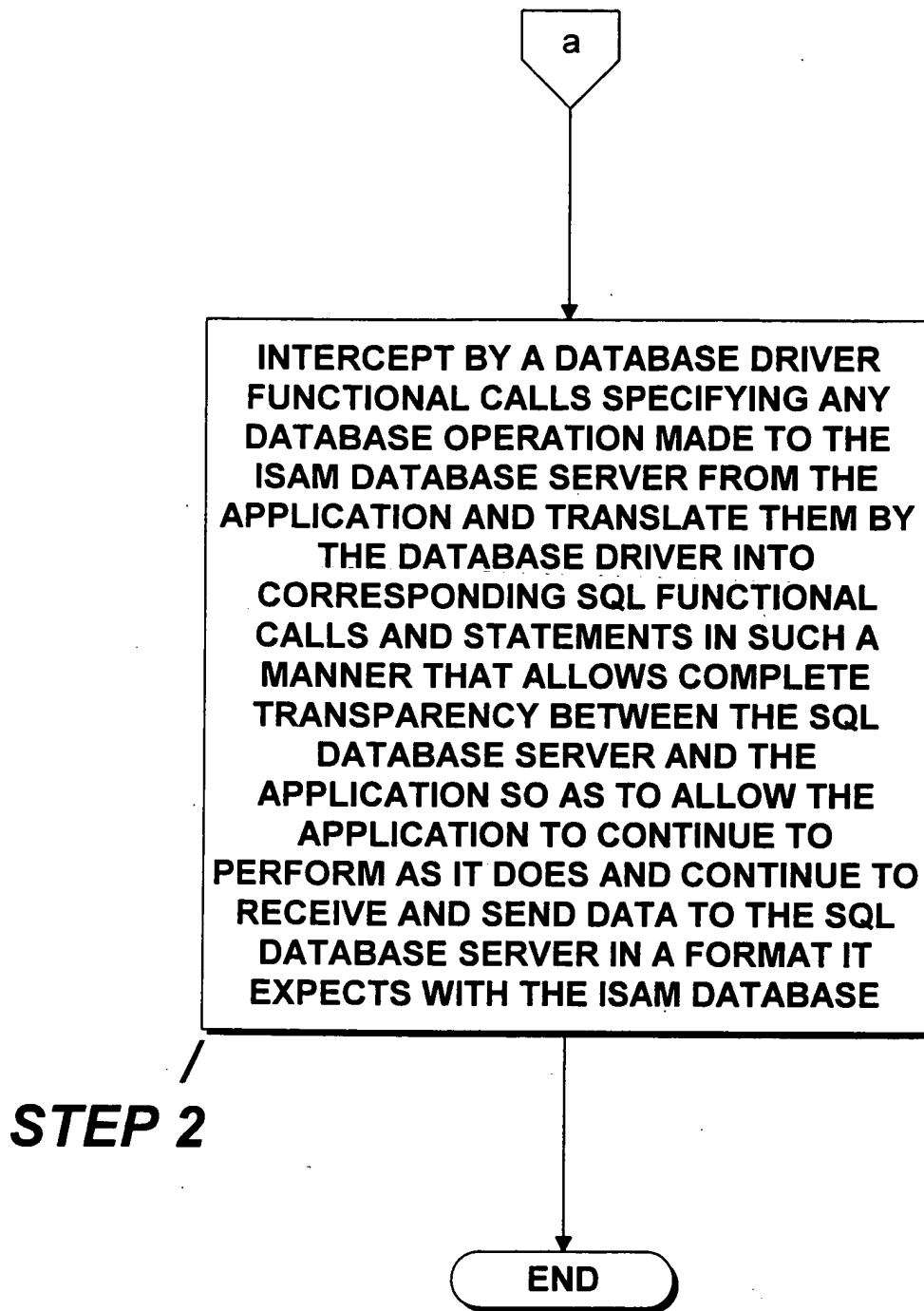


**FIG. 1**

**METHOD FOR MIGRATING AN  
APPLICATION DEVELOPED AROUND AN  
ISAM DATABASE SERVER TO AN SQL  
DATABASE SERVER WITHOUT SOURCE  
LEVEL CHANGES**

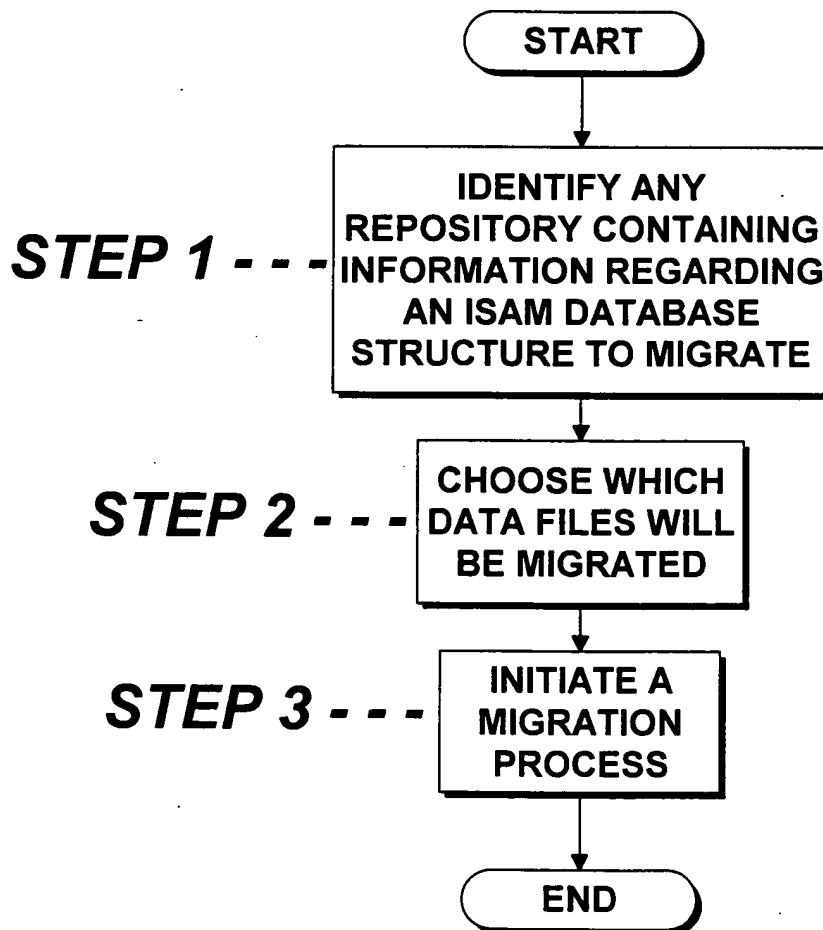


**FIG. 2-A**



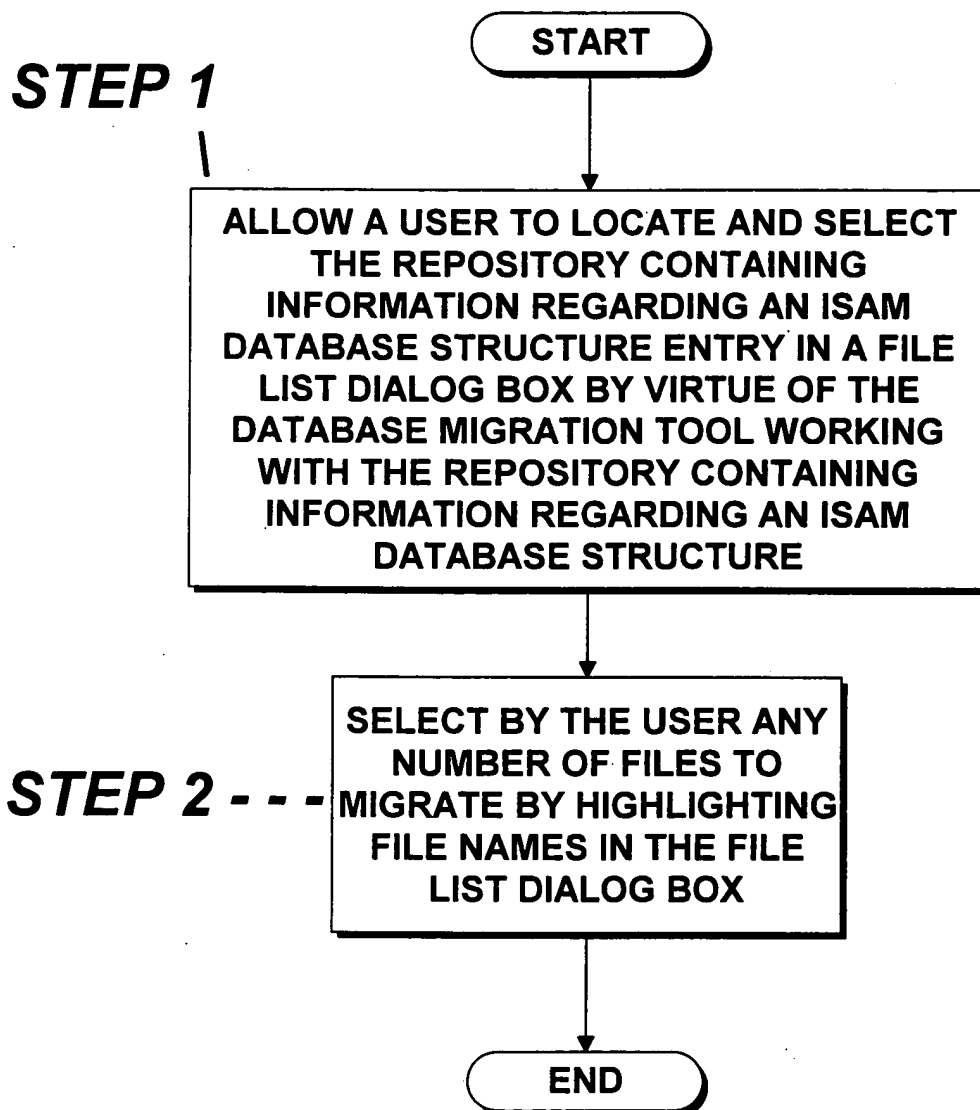
**FIG. 2-B**

**METHOD OF SETTING UP THE SQL  
DATABASE SERVER AND MIGRATING  
DATA FROM THE ISAM DATABASE  
SERVER TO THE SQL DATABASE SERVER  
USING THE DATABASE MIGRATION TOOL  
IN SUCH A MANNER THAT  
TRANSPARENCY OF DATA OPERATION IS  
MAINTAINED FROM A PERSPECTIVE OF  
THE APPLICATION**
















**FIG. 3**

**METHOD OF IDENTIFYING ANY  
REPOSITORY CONTAINING INFORMATION  
REGARDING AN ISAM DATABASE  
STRUCTURE TO MIGRATE AND CHOOSING  
WHICH DATA FILES WILL BE MIGRATED**



**FIG. 4**

## Select Files

Filename	Location	BackEnd
 Billing	\\Win2k1e\PVSW\demodata	sql_btr: Billing.mkd
 Class	\\Win2k1e\PVSW\demodata	sql_btr: Class.mkd
 Course	\\Win2k1e\PVSW\demodata	sql_btr: Course.mkd
 Department	\\Win2k1e\PVSW\demodata	sql_btr: Dept.mkd
 Enrolls	\\Win2k1e\PVSW\demodata	sql_btr: Enrolls.mkd
 Faculty	\\Win2k1e\PVSW\demodata	sql_btr: Faculty.mkd
 Person	\\Win2k1e\PVSW\demodata	Person.mkd
 Room	\\Win2k1e\PVSW\demodata	Room.mkd
 Student	\\Win2k1e\PVSW\demodata	Student.mkd
 Tuition	\\Win2k1e\PVSW\demodata	Tuition.mkd
 X\$Field	\\Win2k1e\PVSW\demodata	field.ddf
 X\$File	\\Win2k1e\PVSW\demodata	file.ddf
 X\$Index	\\Win2k1e\PVSW\demodata	index.ddf

Access As Table

Access As MKD

Valid Tables

Valid MKDs

Select All

DeSelect All

Invert Selection

Help

Close

Convert Database

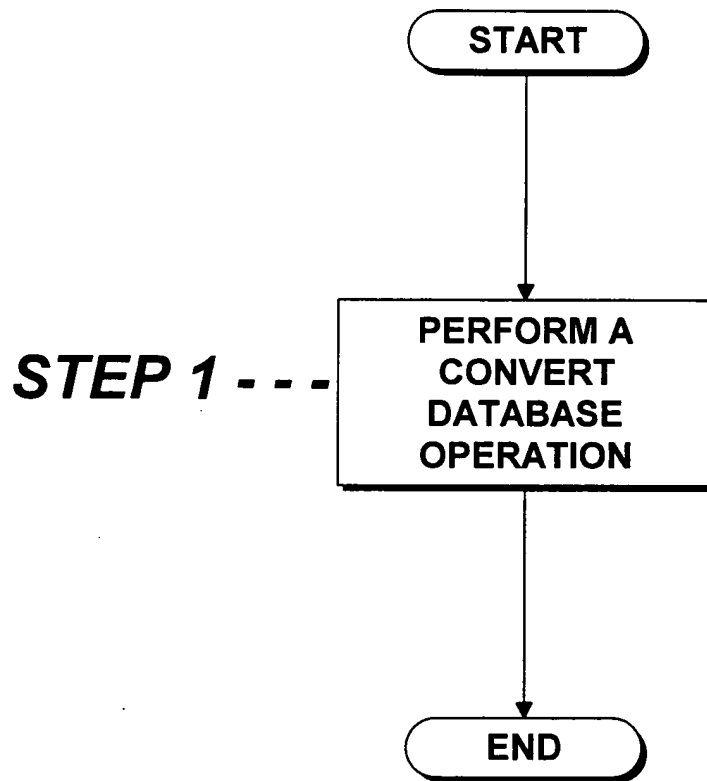
Drop Table

Erase Table

Browse Data

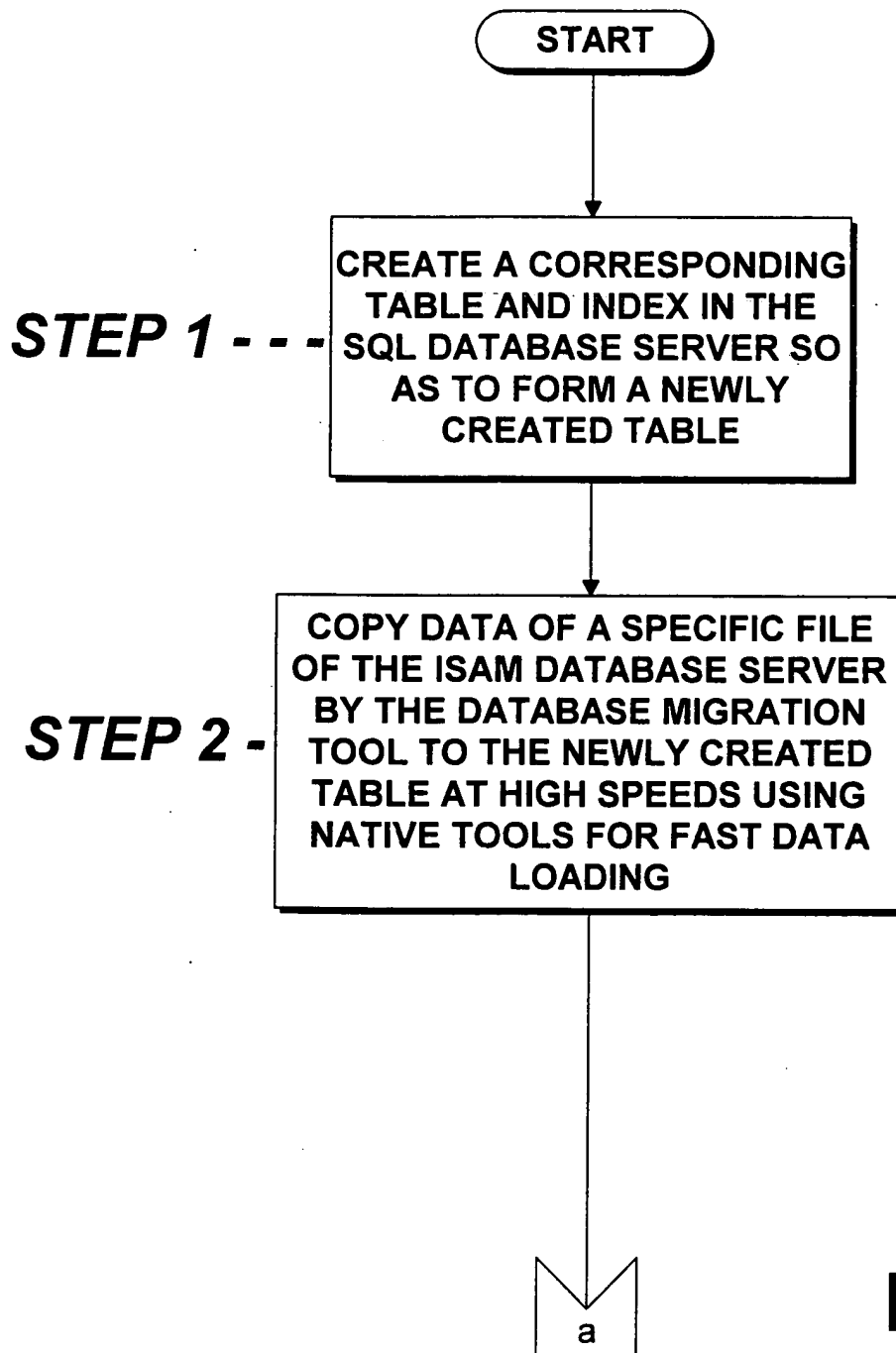
FIG. 5

## METHOD OF INITIATING A MIGRATION PROCESS

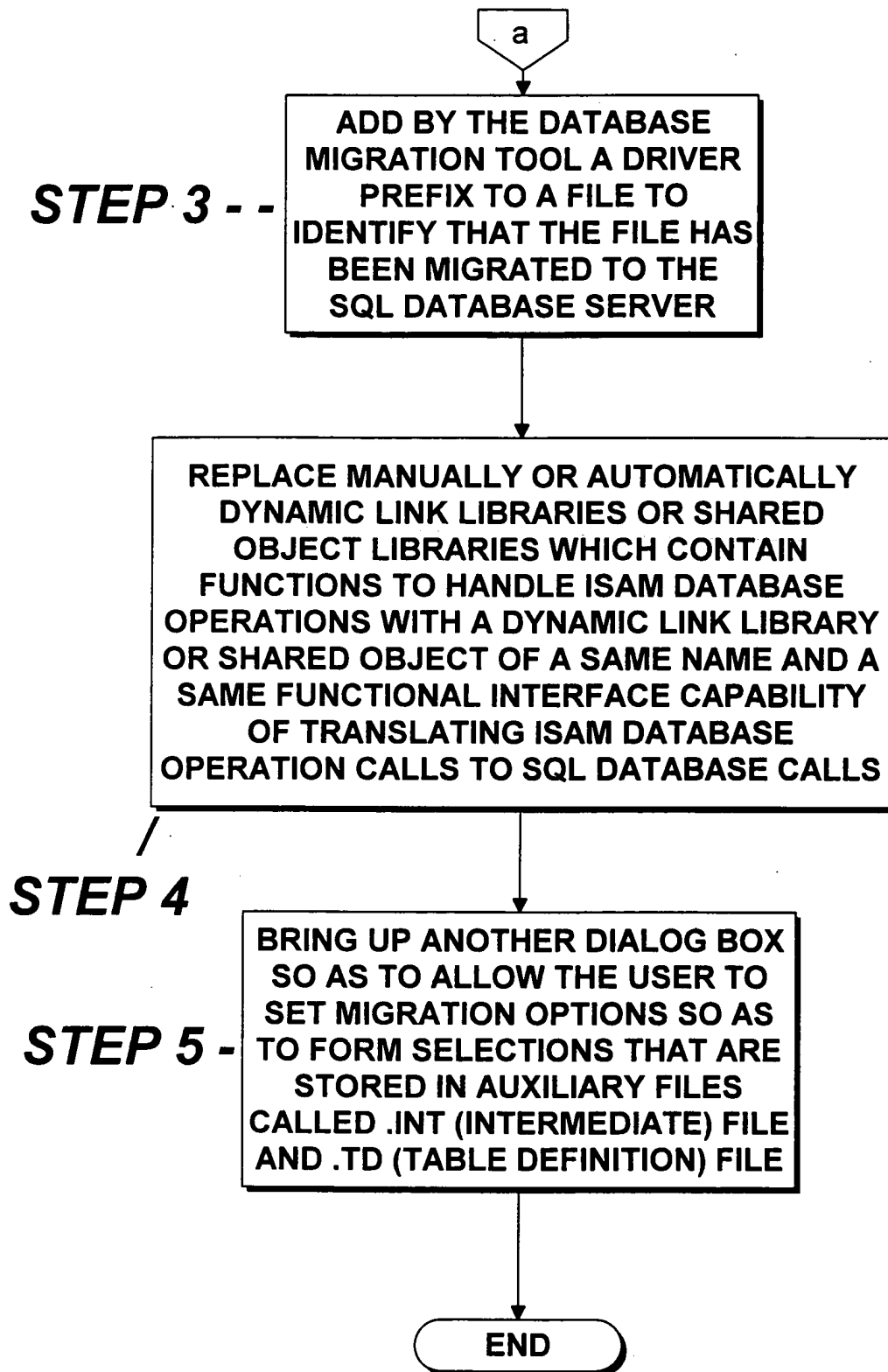


**FIG. 6**

## METHOD OF PERFORMING A CONVERT DATABASE OPERATION



**FIG. 7A**



**FIG. 7B**

**Convert File**

**Options** | **Fields** | **Indexes**

Default AUX File Path:

**Fetch Mode**

☐ Record Mode  
☒ Set Mode  
Max Rows:

**Migration Options**

☒ Get Server name from Login  
☐ Get schema name from Login  
☐ Get Database name from Login  
☒ Create Inverse Key

**Database Options**

Table Tablespace:   
Index Tablespace:

**Table Storage**

Number of Records:   
PctFree:   
Initial (MB):   
PctUsed:   
Next (MB):

**Buttons:** Run as Batch, Ok, Cancel, Cancel All, Help

FIG. 8

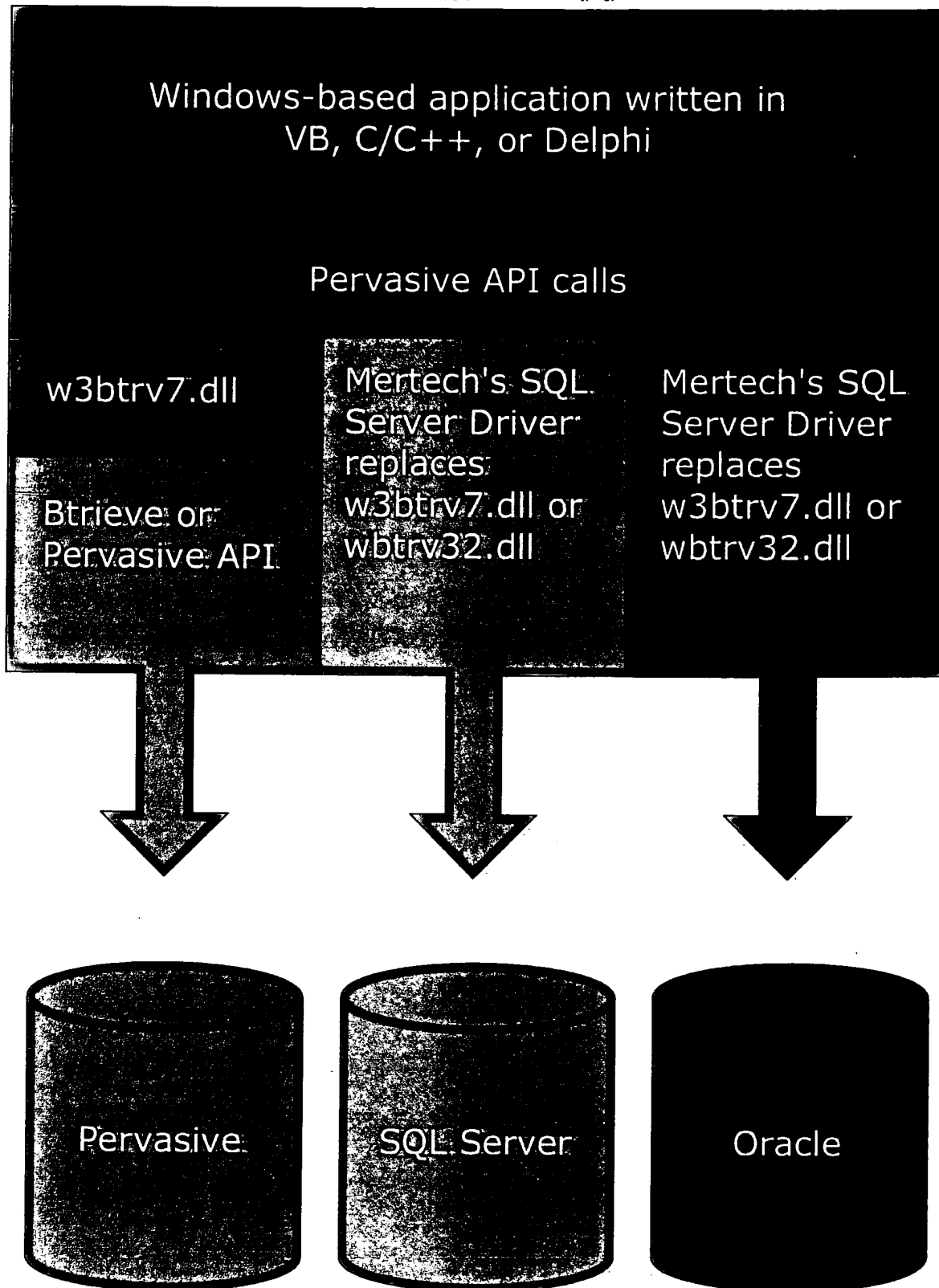
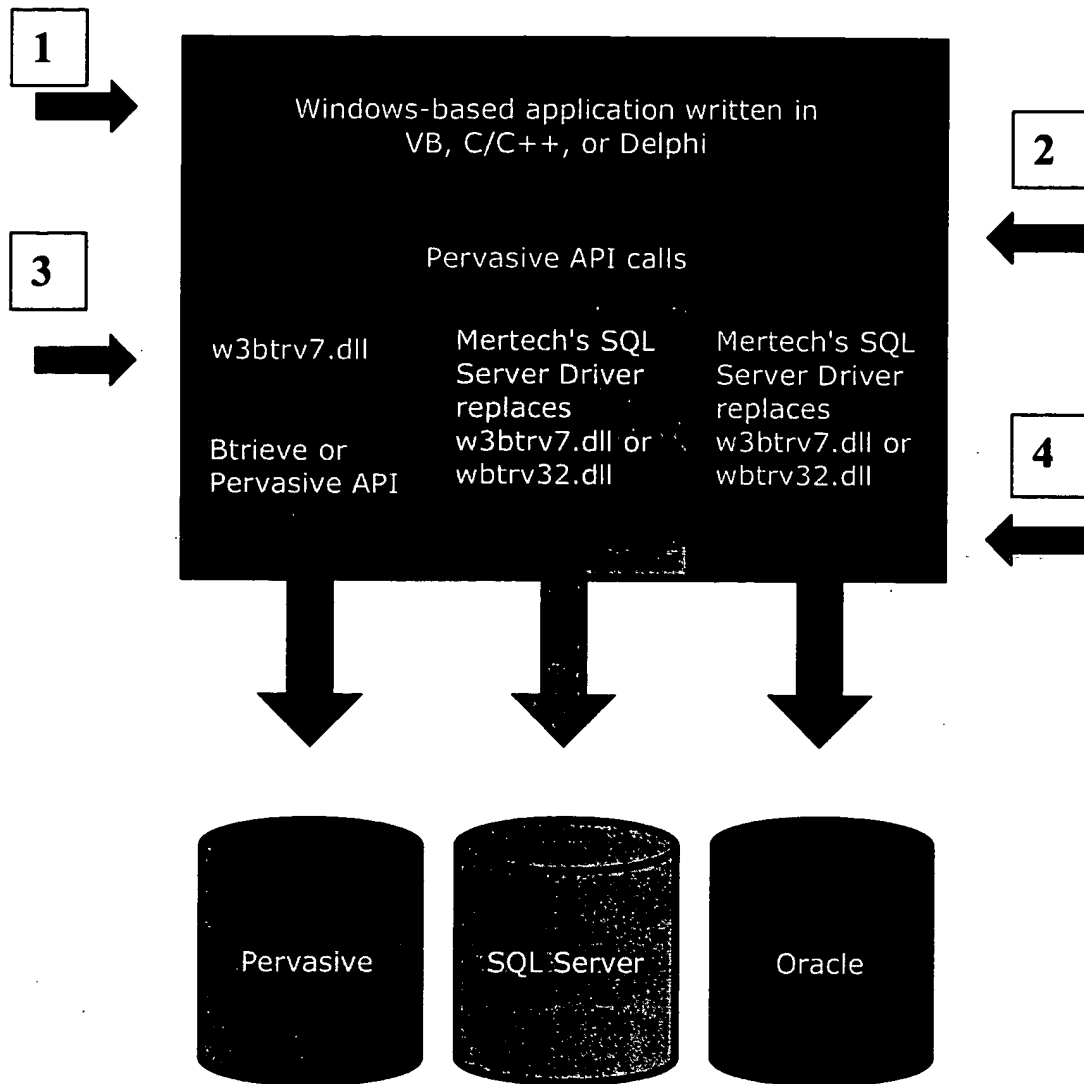


FIG. 9



**FIG. 10**